| Ir | ndex | of CI | aims | |
|----|------|-------|------|--|
| | | | | |

| Application No. | Applicant(s) |
|-----------------|----------------|
| 10/601,149 | BUSWELL ET AL. |
| Examiner | Art Unit |

Michael S. Brooke

2853

| √ | Rejected |
|-------|----------|
| = | Allowed |

| 1 | (Through numeral) Cancelled |
|---|--------------------------------|
| ÷ | Restricted |

| - | N | Non-Elected |
|---|---|--------------|
| | | Interference |

| Α | Appeal |
|---|----------|
| 0 | Objected |

| Cla | aim | | | | (| Date | - | | | | 1 |
|--|----------------------------|--|--|--|--|--|--|----------|--|--------------|---|
| Final | Original | 7/6/04 | | | | | | | | | |
| | | Ĺ | | | | | | | | | l |
| | 1_1_ | = | _ | Щ | <u> </u> | <u> </u> | | | | _ | l |
| | 2 | = | | <u> </u> | <u> </u> | <u> </u> | | | | | ľ |
| | 3 | = | | | L. | L | | | | | ŀ |
| | 1 2 3 4 5 | = | | | | | | | | ļ., | l |
| | 5 | = | | | | | | | | | ŀ |
| | 6 | = | | | | | | | | | l |
| <u> </u> | 7 | = | | | _ | $oxed{oxed}$ | | | | | Į |
| <u></u> | 8 9 | = | | | | | | | | _ | Į |
| | 9 | = | | _ | _ | | | | | | ļ |
| | 10 | = | | | _ | | L | | | | ŀ |
| <u> </u> | 11 | = | | _ | | | | | | _ | ľ |
| <u> </u> | 12 | = | ldash | <u> </u> | | | | _ | <u> </u> | _ | 1 |
| L | 12 13 14 | = | _ | \vdash | _ | | L. | L | Щ | | |
| | 14 | = | | L., | | | | | _ | | 1 |
| | 15 | = | | _ | _ | _ | _ | Щ. | \vdash | _ | |
| | 16 | = | | | <u> </u> | <u> </u> | | L | | _ | |
| | 17 | = | | ļ., | | ļ | _ | _ | | | |
| | 15 16 17 18 19 | = | | _ | | ļ | | _ | | _ | l |
| | 19 | = | ļ., | <u> </u> | | _ | _ | | | <u> </u> | ľ |
| | 20 | = | L | | <u> </u> | \vdash | _ | | | _ | l |
| | 20 21 22 | = | | | _ | <u> </u> | _ | _ | Щ. | | Į |
| | 22 | ļ | | _ | _ | | <u> </u> | _ | | | ł |
| | 23 24 | H | | | <u> </u> | _ | _ | <u> </u> | | | ł |
| | 24 | <u> </u> | _ | ļ | - | - | | | | | ł |
| _ | 25 | _ | | | <u> </u> | - | <u> </u> | | | | ł |
| - | 26 27 | \vdash | H | ⊢ | | | \vdash | - | - | | ł |
| - | 21 | ├ | ⊢ | | | | \vdash | <u> </u> | - | | ŀ |
| _ | 28 29 | ⊢ | ⊢ | - | - | - | \vdash | _ | ┝ | | ł |
| | 30 | ⊢ | - | \vdash | | \vdash | \vdash | - | - | - | ł |
| - | 30 | | ⊢ | ⊢ | | - | ├ | _ | ⊢ | \vdash | ł |
| <u> </u> | 32 | ├ | \vdash | ├ | ⊢ | ⊢ | - | | ┝ | - | ł |
| - | 31 32 33 | | ⊢ | ⊢ | - | - | - | <u> </u> | | | ł |
| | 34 | ├ | ├ | H | \vdash | - | ┢╌ | - | - | - | ł |
| | 35 | \vdash | \vdash | - | \vdash | | | - | \vdash | \vdash | ł |
| | 36 | \vdash | | ┢ | \vdash | - | | - | H | ⊢ | ł |
| \vdash | 37 | - | ┢ | \vdash | \vdash | - | | \vdash | \vdash | | ł |
| _ | 38 | \vdash | | - | \vdash | _ | | \vdash | \vdash | | ł |
| <u> </u> | 39 | ┢ | - | ┢ | - | \vdash | \vdash | \vdash | \vdash | ┢ | 1 |
| _ | 40 | \vdash | \vdash | \vdash | \vdash | \vdash | \vdash | \vdash | | - | 1 |
| _ | 41 | ┢ | \vdash | | ┢ | | \vdash | - | | \vdash | 1 |
| | 42 | \vdash | | | | ┢ | \vdash | - | | \vdash | 1 |
| | 43 | _ | \vdash | \vdash | ┢ | \vdash | \vdash | \vdash | | \vdash | 1 |
| | 44 | \vdash | \vdash | | ┢ | <u> </u> | \vdash | \vdash | I | | 1 |
| | 45 | | | <u> </u> | l | 一 | | \vdash | | Г | 1 |
| | 46 | | | T | | Т | Г | \vdash | _ | \vdash | 1 |
| <u> </u> | 47 | ऻ | Г | t | | | T | <u> </u> | | Т | 1 |
| | 48 | Г | \vdash | T | T | | | | | Г | 1 |
| | 49 | | \vdash | Г | | \vdash | | | _ | | 1 |
| | 50 | | Г | | | | | | | | 1 |

| - 1 | Claim | | Date | | | | | | | | | |
|-----|--------|--|----------|-------------|--|----------|----------|---------------|----------|--------------|----------|--|
| | | | | | | | • | | | | | |
| | | na | | | | | | | | | | |
| | Final | Original | | | | | | | | | | |
| i A | ш | ဝြ | | | | | | | | | | |
| | | | | | | | | | | Ш | Щ | |
| | | 51 | | | | | | | | | | |
| | | 52 | | | | | | | | | | |
| 20 | | 53 | | | | | | | | | | |
| | | 54 | | | | | | | | | | |
| | | 55 | | | | | | $\overline{}$ | _ | Н | | |
| | | 56 | \vdash | | \vdash | - | _ | | | \vdash | \vdash | |
| - 1 | | 57 | _ | _ | ⊢ | \vdash | - | - | - | Н | \vdash | |
| 7 | | 51 52 53 54 55 56 57 58 59 | _ | _ | - | - | | _ | _ | - | Н | |
| . | | 28 | | | | | | - | _ | _ | | |
| | | 59 | | | | | | \perp | | | Щ | |
| . 1 | | 60 | | | | | | | | | | |
| | | 61 | | | | | | | | | | |
| - | | 62 | | | Ĺ | | | | | LĪ | ╚ | |
| | | 63 | | | | | | | | | | |
| - | | 64 | | | | | | | | | | |
| | | 60 61 62 63 64 65 66 67 70 71 72 73 74 75 76 77 78 | | | | | | | | | \neg | |
| | | 66 | | | | | | | | _ | | |
| • | | 67 | _ | | _ | _ | - | _ | | | \neg | |
| . 7 | | 68 | - | - | - | | | | - | Н | Н | |
| | | 60 | | | - | _ | — | _ | - | \vdash | \vdash | |
| | | 70 | | \vdash | ┝ | | - | | _ | - | | |
| | | 70 | - | _ | - | _ | | - | | | - | |
| | | 71 | | | | | _ | \vdash | _ | H | - | |
| | | 72 | | | \vdash | _ | _ | Щ | _ | Щ | Н | |
| 13 | | 73 | _ | | <u> </u> | | | | | | | |
| | | 74 | Щ | | <u> </u> | | | | | Щ | Щ | |
| | | 75 | | \Box | Щ | | | | _ | <u></u> | _ | |
| | | 76 | | | Щ | | | | | L | | |
|] | | 77 | | | | | | | | | | |
| | | 78 | , | | | | | | | | , | |
| : 4 | | 79 | | | | | | , | | | | |
| - 1 | | 80 | | | | | | | | | | |
| | | 81 | | | | | | | | | | |
| | | 82 | | | | | | | | | | |
| | | 83 | | _ | | _ | | - | | Т | | |
| | \neg | 82 83 84 | _ | | | \vdash | ┢ | | \vdash | П | Н | |
| | | 85 | _ | \vdash | \vdash | | | | _ | | Н | |
| ٠, | | 85 86 87 88 89 | H | \vdash | | \vdash | Н | | \vdash | \vdash | Н | |
| | | 87 | | ļ | \vdash | | | \vdash | \vdash | \vdash | Н | |
| | | 99 | \vdash | \vdash | | \vdash | | \vdash | \vdash | \vdash | Н | |
| | | 90 | H | | ├ | | | ⊢ | - | \vdash | Н | |
| | | 00 | Н | | - | - | \vdash | | Н | \vdash | | |
| | | 90 91 | | <u> </u> | ├- | \vdash | \vdash | <u> </u> | - | | \vdash | |
| | | 91 | <u> </u> | <u> </u> | <u> </u> | \vdash | \vdash | <u> </u> | - | | ш | |
| " | | 92 | <u> </u> | | _ | <u> </u> | <u> </u> | L | L., | \vdash | Щ | |
| : 1 | | 93 | <u> </u> | L_ | <u> </u> | Щ. | \vdash | _ | \vdash | \vdash | | |
| | | 94 | L_ | <u> </u> | Ц_ | <u> </u> | igspace | <u> </u> | L | <u> </u> | Щ | |
| | | 95 | | | | <u> </u> | | L | L., | | | |
| | | 96 | | | | | | _ | | | | |
| | | 97 | | L | | | | | | | | |
| | | 98 | Ĺ | | | | | | | | | |
| | | 99 | | | | | | | | | | |
| | | 100 | | | _ | \Box | | Г | | | | |

| Cli | aim | Date | | | | | | | | |
|----------|--|---------------------------|----------|----------|--------------|--------------|--------------|----------|----------|----------------|
| , | | | | | ľ | | - | | | |
| ਰ | Original | | | | | | | | | |
| Final | ńgi | | | | | | | | | |
| - | Õ | | | | | | | | | |
| | 101 | _ | _ | H | \vdash | <u> </u> | \vdash | - | _ | - |
| | 101 | | _ | <u> </u> | - | L | Н | | Щ | Н |
| | 102 | | Щ. | _ | | | | | | Н |
| | 103 | _ | | <u> </u> | | | | | | Ш |
| | 104 | | | | | | | | | Щ |
| | 101 102 103 104 105 106 107 | | | | _ | | | | | Щ |
| | 106 | | | | | | | | | Ш |
| | 107 | | | L | | L | | | | Ш |
| | 108 | | | | | | | | | |
| | 109 | | | | | | | | | |
| | 109 110 111 | | | | | | | | | |
| | 111 | | | | | | | | | |
| | 112 | | | | | | | | | |
| | 113 | | | | | | | | | |
| | 114 | | | | | | | | | |
| | 115 | | | \Box | П | | | | | \sqcap |
| | 116 | | | Г | Г | | Г | | | \Box |
| | 117 | | | T | | | | | | П |
| | 118 | | П | Г | | Г | | П | | Н |
| | 112 113 114 115 116 117 118 119 | | - | \vdash | | \vdash | \vdash | | | \vdash |
| | 120 | _ | - | - | | | - | _ | _ | |
| | 120 121 122 123 124 125 126 | | | H | _ | \vdash | \vdash | | Н | H |
| | 122 | - | \vdash | - | - | | \vdash | | \vdash | Н |
| | 123 | - | - | - | - | - | - | - | - | Н |
| | 124 | Н | \vdash | | \vdash | \vdash | \vdash | | | H |
| | 125 | \vdash | _ | | - | \vdash | \vdash | _ | _ | Н |
| | 126 | \vdash | H | - | - | ├ | \vdash | _ | _ | Н |
| - | 127 | | <u> </u> | - | ├- | | | - | | H |
| | 128 | Н | \vdash | \vdash | - | | Н | _ | | Н |
| | 120 | _ | _ | ⊢ | ┝╌ | \vdash | H | _ | | \vdash |
| | 128 129 130 | _ | - | ┝ | | | \vdash | <u> </u> | ⊢ | \vdash |
| | 130 | _ | _ | | _ | <u> </u> | _ | _ | _ | \vdash |
| | 131 | \vdash | L | <u> </u> | <u> </u> | <u> </u> | | <u> </u> | <u> </u> | $\vdash\vdash$ |
| <u> </u> | 132 | | _ | - | | | <u> </u> | | ├ | \vdash |
| <u> </u> | 133 | _ | _ | <u> </u> | <u> </u> | <u> </u> | ļ | | <u> </u> | \vdash |
| ļ | 131 132 133 134 135 | \vdash | <u> </u> | <u> </u> | <u> </u> | _ | <u> </u> | <u> </u> | \vdash | <u> </u> |
| ļ | 135 | _ | ļ | <u> </u> | <u> </u> | <u> </u> | | | <u> </u> | Щ |
| <u> </u> | 136 137 | <u> </u> | <u> </u> | Ь. | <u> </u> | <u> </u> | \vdash | <u> </u> | <u> </u> | Щ |
| | 137 | <u> </u> | | ⊢ | <u> </u> | <u> </u> | <u> </u> | <u> </u> | ├ | Щ |
| <u> </u> | 138 | <u> </u> | <u> </u> | <u> </u> | <u> </u> | _ | _ | <u> </u> | <u> </u> | Щ |
| <u> </u> | 139 140 | _ | | _ | _ | _ | _ | _ | _ | Ш |
| <u> </u> | | <u> </u> | <u> </u> | <u> </u> | Ь. | <u> </u> | <u> </u> | L. | <u> </u> | Ш |
| <u> </u> | 141 | _ | <u> </u> | _ | <u>L</u> . | | <u> </u> | L_ | <u>L</u> | Ш |
| | 142 | <u> </u> | | _ | | L_ | L | | ļ | Ш |
| <u></u> | 143 | $ldsymbol{ldsymbol{eta}}$ | <u> </u> | Ь. | | Ц. | <u> </u> | | <u>L</u> | Ш |
| | 144 | | | <u>L</u> | L | L | | | | Ш |
| | 145 | L | Ĺ | | \Box | 匚 | 匚 | | | |
| | 146 | | | | | | | | | |
| | 147 | | | | | | | | | |
| | 148 | | | | | | | | | П |
| | 149 | | | \Box | Г | Г | | | | П |
| | 150 | | | П | | Γ | | Г | | П |
| — | <u> </u> | — | | | | _ | _ | _ | _ | |